

**NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

JAS1 U.S. PTO  
105/05

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JC872 U.S. PRO  
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Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): PLASMA REACTOR AND METHOD OF DETERMINING ABNORMALITY IN PLASMA REACTOR

By (Inventors): Kenji DOSAKA (Wako-shi, Japan); Kazuo ANDO (Wako-shi, Japan); Hideyuki FUJISHIRO (Wako-shi, Japan); Minoru TORII (Wako-shi, Japan); Koji KOTANI (Wako-shi, Japan); and Takeshi YANOBE (Yokohama-shi, Japan)

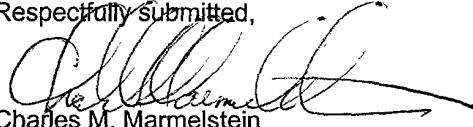
- 33 pages of Specification / Claims 1 - 7 / Abstract are attached.
- Drawings (Figs. 1 - 13 ; 13 sheets) are attached.
- An Information Disclosure Statement is attached, along with Form PTO-1449, and Reference (1).
- Priority of Japanese Patent Application Nos. 2000-139488 and 2000-139489; both filed May 12, 2000, is claimed under 35 U.S.C. §119.
- A Claim for Priority along with a certified copy of each of the above corresponding foreign applications are attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			<b>SMALL ENTITY</b>		<b>LARGE ENTITY</b>		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE				\$ 355	OR		\$ 710
TOTAL CLAIMS	9 - 20	= 0	x 9 =	\$	OR	x 18	\$ 0
INDEP CLAIMS	2 - 3	= 0	x 40 =	\$	OR	x 80	\$ 0
<input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+135 =	\$	OR	+270	\$ 270
			TOTAL	\$	OR	TOTAL	\$ 980

NO FILING FEE IS ENCLOSED AT THIS TIME.

Respectfully submitted,

  
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CMM:mmg